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REMARKS

The Applicant would like to thank the Examiner for the recognition of the allowable subject matter. The Applicant has respectfully postponed re-writing the allowable claims into independent form as the Applicant believes there is sufficient grounds for traversal of the rejected underlying claims.

Claims 1-4, 6, 8-13 and 16-19 rejected under 35 USC 102(b)

The basis of the Examiner's rejection of the aforementioned claims is based on an anticipation argument regarding Laskaris et al (US 6,246, 308). The Examiner asserts that the Laskaris reference teaches all the underlying limitations of the aforementioned claims. The Applicant respectfully traverses this rejection and seeks reconsideration.

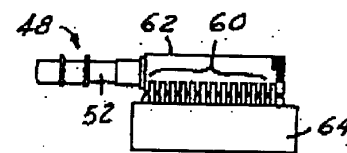
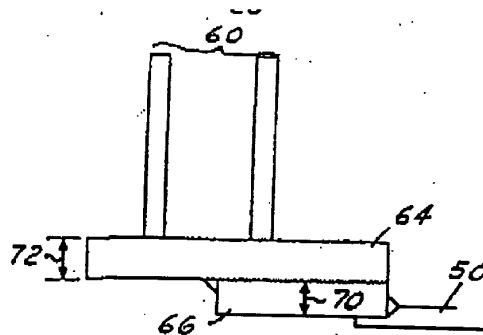
Lets take a look at what is claimed in the present Application in comparison to the Laskaris reference:

The present invention claims

A coldhead sleeve 52 connected to a cooler block 64 by a plurality of braid elements 60.

A highly thermally conductive block 66 positioned between the cooler block 64 and an outer thermal shield 50.

(Additional limitations are contained within but are not required to disqualify Laskaris as a reference.)

**FIG.3****FIG.2**

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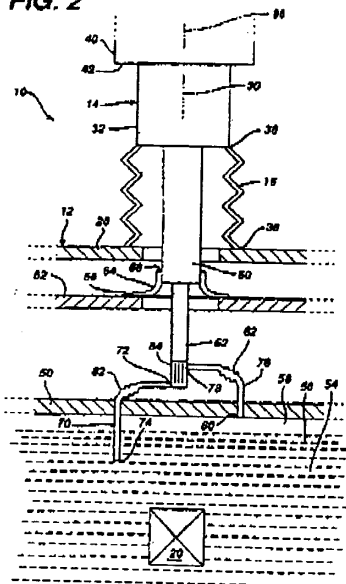
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Now when we look to the Lakarasis reference we find:

U.S. Patent Jan. 12, 2001 Sheet 2 of 4 US 6,246,388 B1

FIG. 2



Here we have clearly illustrated and described a coldhead sleeve 60 connected to a thermal shield 52 by way of a braided conductive strip 64 (see col 4, 48-66). This in no-way teaches the limitations cited above. It is entirely missing:

The claimed cooler block;

The highly thermally conductive block welded thereto;

Or the highly thermally conductive block welded to the thermal shield.

The specification of the Lakarasis reference is in complete agreement. Anyone skilled in the art would clearly recognize the "first stage 60" as a coldhead sleeve. There is no confusion or discrepancy. Furthermore the present invention claims a coldhead sleeve connected to a cooler block by the plurality of braid elements. This is clearly not illustrated, taught, or discussed in the cited reference.

The Applicant, therefore, requests reconsideration.

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With this response, it is respectfully submitted that all rejections and objections of record have been overcome and that the case is in condition for allowance.

Should the Examiner have any questions or comments, he is respectfully requested to contact the undersigned.

Respectfully submitted,



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